

REMARKS

The application comprises claims 1- 45. Claims 1, 36, 42 and 43 are independent claims. Claims 1, 23, 31, 36-37 and 42 have been amended. The response refers primarily to the independent claims the patentability of the dependent claims follow at least for the reason of being dependent on an independent claim that is patentable.

The Examiner states that a copy of the certified copy of the Israeli application has not been received from the International bureau. Applicants have attached herewith a copy of the notice of submittal and a copy of the cover page of the International publication (WO 01/84262) of the application, which show compliance to PCT rule 17.2(a) so that a copy may be received by the US PTO. According to PCT rules 17.2(a) "the International Bureau shall, at the specific request of the designated Office, promptly but not prior to the international publication of the international application, furnish a copy of the priority document to that Office. No such Office shall ask the applicant himself to furnish it with a copy". In any case, if necessary the applicant is willing to query the International Bureau regarding this matter.

On page 2 the Examiner states that claims 23, 31, 37 and 42 are objected to because they contain minor deficiencies. Applicants have amended the claims as suggested by the Examiner.

On page 2 the Examiner states that claims 1-4, 26, 28-30 and 36-39 are rejected under 35 U.S.C. 102(b) as being anticipated by European Patent 0547594 (Texas Instruments Inc.).


Applicants have amended independent claims 1 and 36 to clarify that the light is from a longitudinal surface of a linear light source, for example as shown in Fig. 1A and described on page 11 lines 8-20 and page 2 lines 15-17. In the European patent quoted by the Examiner the light is not emitted from a longitudinal surface of what the Examiner indicates is a "linear light source" (waveguides 80). The amendment to the claims is to explicitly point out what was previously implicit in the term "linear". The scope of the claims did not change. In view of the above amendment applicants regard the Examiners objections above as moot.

On page 3 the Examiner states that claims 5-25, 27, 31-35, 40 and 41 contain allowable subject matter. Applicants thank the Examiner for this indication.

141/02527 A02

An allowance of the claims is respectfully awaited. In the event that the Examiner believes that there are problems which would make it impossible to issue an allowance for all the claims, the Examiner is respectfully requested to call the undersigned at 1. (877) 428-5468, which is a US toll free number connected directly to our office in Israel (please note the 7 hour time difference and the official work week is from Sunday to Thursday).

Respectfully submitted,
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August 24, 2004

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FENSTER & Co.**PATENT COOPERATION TREATY****PCT**

From the INTERNATIONAL BUREAU

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**NOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT**

(PCT Administrative Instructions, Section 411)

Date of mailing (day/month/year) 09 July 2001 (09.07.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 141/02216	
International application No. PCT/IL01/00398	International filing date (day/month/year) 03 May 2001 (03.05.01)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 03 May 2000 (03.05.00)
Applicant JTC 2000 DEVELOPMENT (DELAWARE), INC. et al	

1. The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
3. An asterisk (*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
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<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
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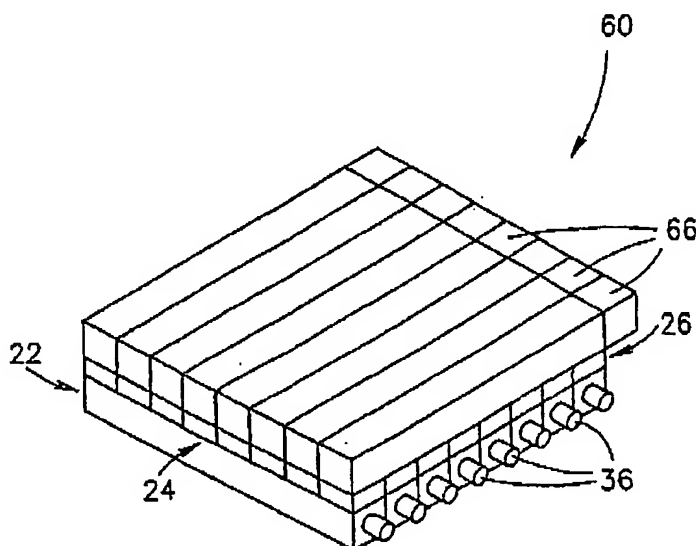
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- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: OPTICAL LINEAR PROCESSOR



(57) Abstract: An optical signal processor for transforming a first vector into a second vector comprising: a plurality of linear light sources each of which provides light having an intensity responsive to a different component of the first vector; a spatial light modulator comprising a plurality of modulation zones each of which zones receives light from substantially only one of the light sources and transmits light in proportion to a transmittance that characterizes the modulation zone; and at least one light detector for each component of the second vector that receives light transmitted from a plurality of modulation zones, each of which is illuminated by light from a different light source, and generates a signal responsive to the received light that represents a component of the second vector.

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